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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/491,119	01/24/2000	Branko Kovacevic	0100.9901440	8116
34456	7590	03/01/2004	EXAMINER	
TOLER & LARSON & ABEL L.L.P. 5000 PLAZA ON THE LAKE STE 265 AUSTIN, TX 78746			HSU, ALPUS	
			ART UNIT	PAPER NUMBER
			2665	14
DATE MAILED: 03/01/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/491,119

Applicant(s)

KOVACEVIC ET AL.

Examiner

Alpus H. Hsu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 16 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-49 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

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1. In the specification, pages 1 and 2, the applicant is requested to update the status from time to time for the listed related co-pending applications.
2. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.
3. The disclosure is objected to because of the following informalities:

On page 9, line 18, the brief description of Figures 39-42 was characterized as “a method of blind acquisition” which is inconsistent with the detailed description of Figures 39-42 on page 54, lines 3-4, which was characterized as “a method of blind synchronization”. Which one is the correct description for the embodiment?

Appropriate correction is required.

4. Claims 1-40, 42-49 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The claimed subject matter of “a method for synchronizing to a transport stream by receiving a transport stream having an unknown set of transport characteristics, initializing a transport stream **acquisition routine** for identifying the set of transport characteristics that will allow synchronization between a **system** and the transport stream” as in claims 1, 20, 21 and 40 was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the

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claimed invention. To be more specific, it is not fully disclosed as to what is intended to be the claimed unknown set of transport characteristics in the disclosure. Are they referring to the “IN SYNC” and “PACKET START” signals or synchronization indicator(s)? It is also unclear as to what each of “acquisition routine” and “system” is referring to.

5. Claims 1-49 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 1, 20, 21 and 40, it is unclear what “system” is referring to. To be more specific, it is unclear as to what system is synchronized to the transport stream. And a transport stream cannot synchronize to itself.

In claim 1, line 3, claim 21, line 4, it is unclear as to what “a transport stream acquisition routine” is referring to and what is intended to be the claim limitation of such routine.

In claim 14, line 2 and claim 15, line 1, each term of “the framer” lacks antecedent basis.

In claim 27, line 1, “claim 1” should be changed to --claim 21-- for proper claim dependency.

In claim 34, line 2, claim 35, line 1, each term of “the framer” lacks antecedent basis.

In claim 41, line 2, “the set of signal” should read as --the set of signals--; lines 6 and 9, it is unclear as to what “data” is referring to. Is it referring to the set of signals or the data signal within the set of signals or the transport stream? Line 7, it is unclear as to based on what, the data stream is determined to be a valid transport stream.

6. In view of the 112 1<sup>st</sup> and 2<sup>nd</sup> problems indicated above, no prior art rejection can be applied at this time.

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7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

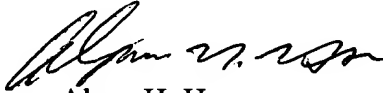
Nuber et al., Dokic and Movshovich et al. are further cited to show the feature of MPEG packetized transport data stream synchronization or acquisition similar to the claimed invention.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alpus H. Hsu whose telephone number is (703)305-4377. The examiner can normally be reached on M-F (5:30-3:00) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D. Vu can be reached on (703)308-6602. The fax phone numbers for the organization where this application or proceeding is assigned are (703)872-9314 for regular communications and (703)872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-4700.

AHH  
February 24, 2004



Alpus H. Hsu  
Primary Examiner  
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